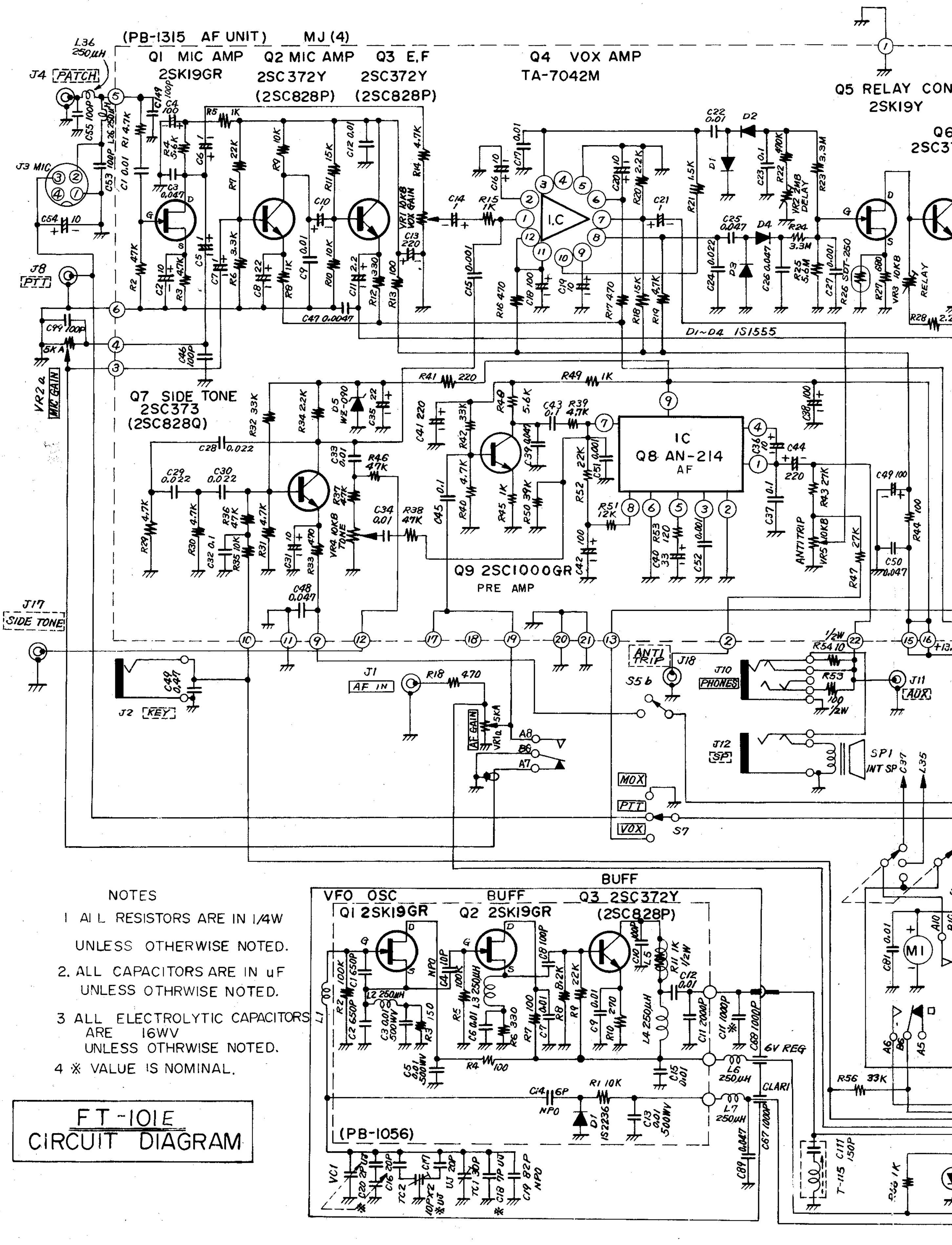
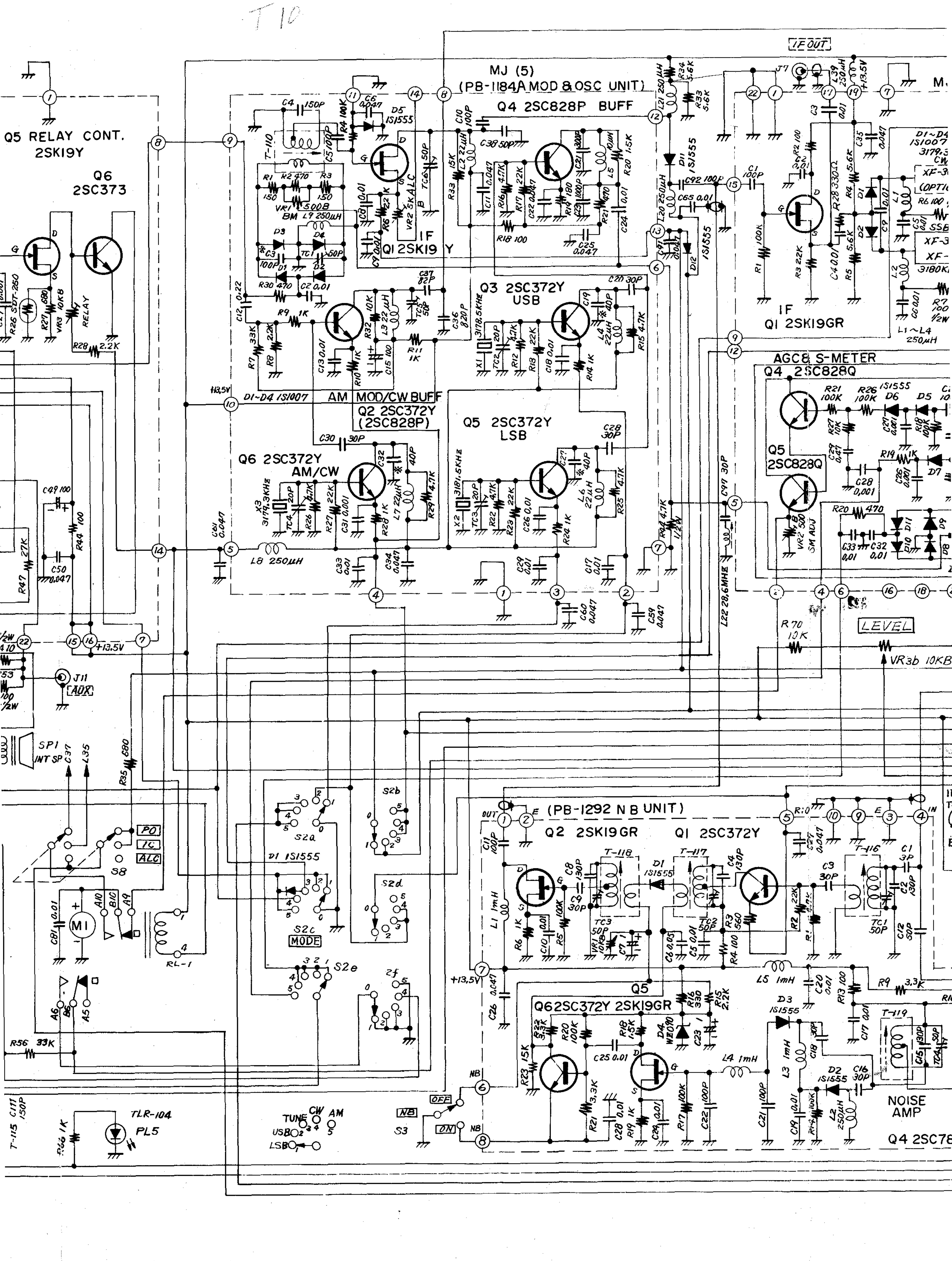
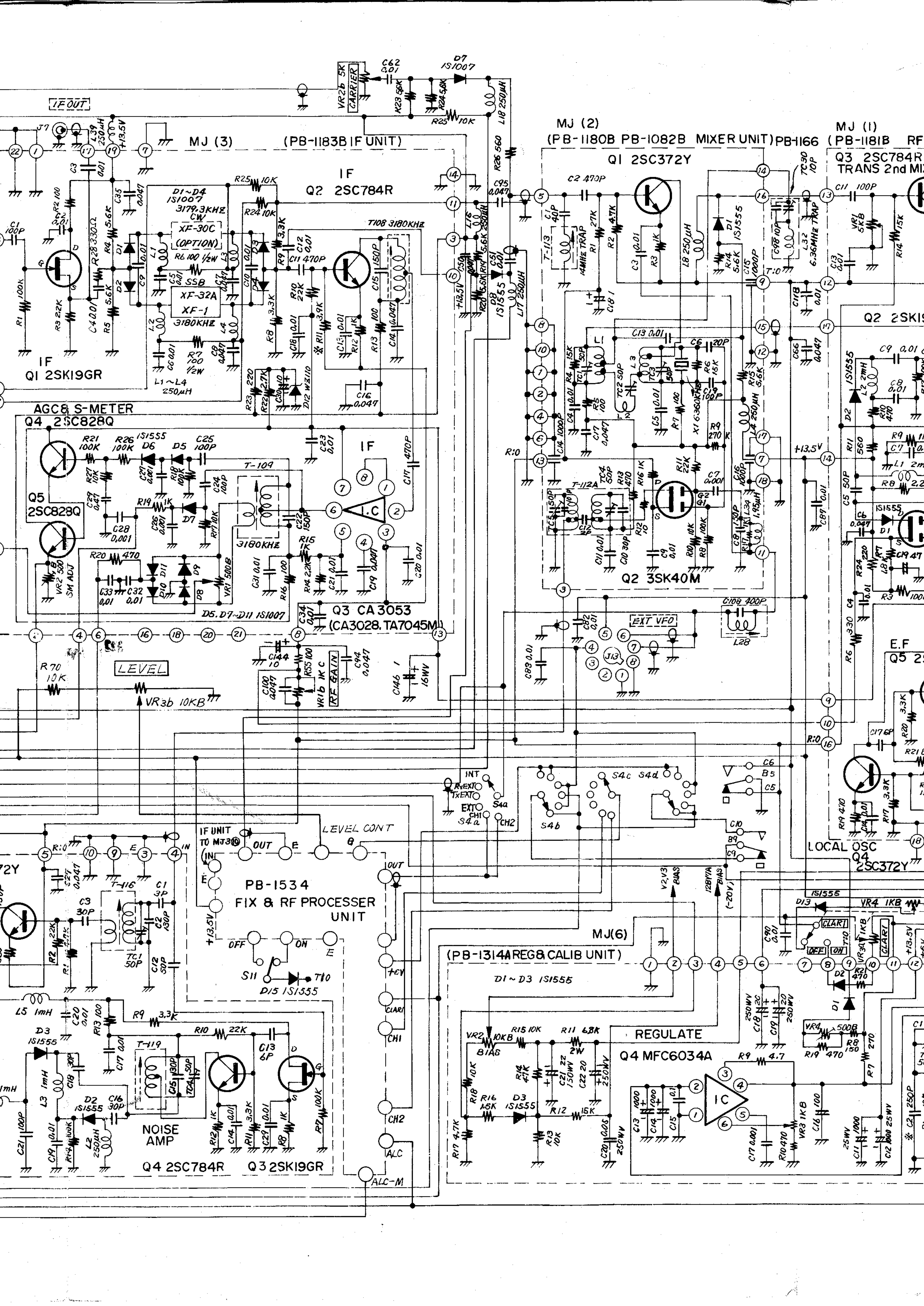


NOTES

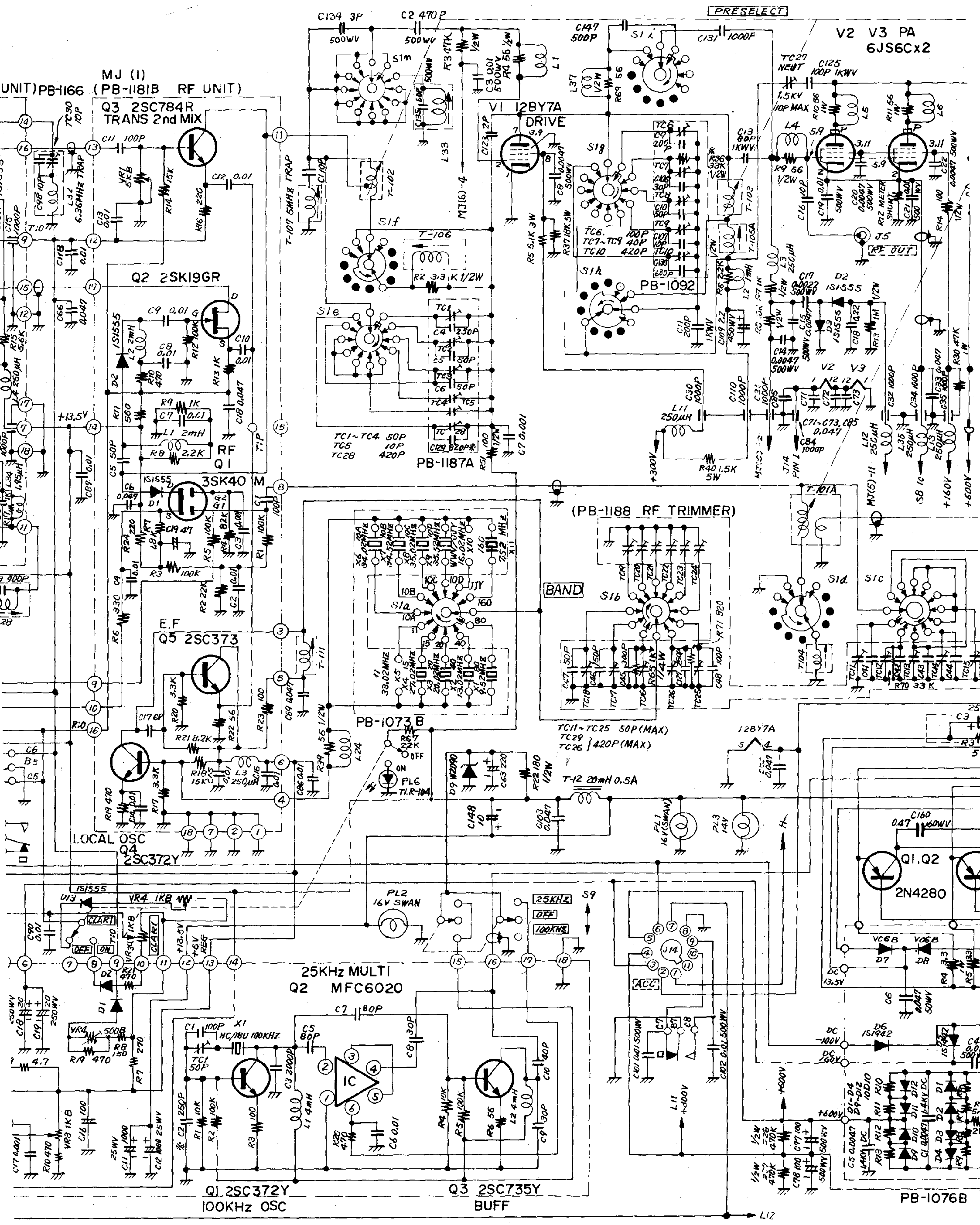
1. ALL RESISTORS ARE IN 1/4W UNLESS OTHERWISE NOTED.
2. ALL CAPACITORS ARE IN uF UNLESS OTHRWISE NOTED.
3. ALL ELECTROLYTIC CAPACITORS ARE 16WV UNLESS OTHRWISE NOTED.
4. ※ VALUE IS NOMINAL.

FT-101E
CIRCUIT DIAGRAM

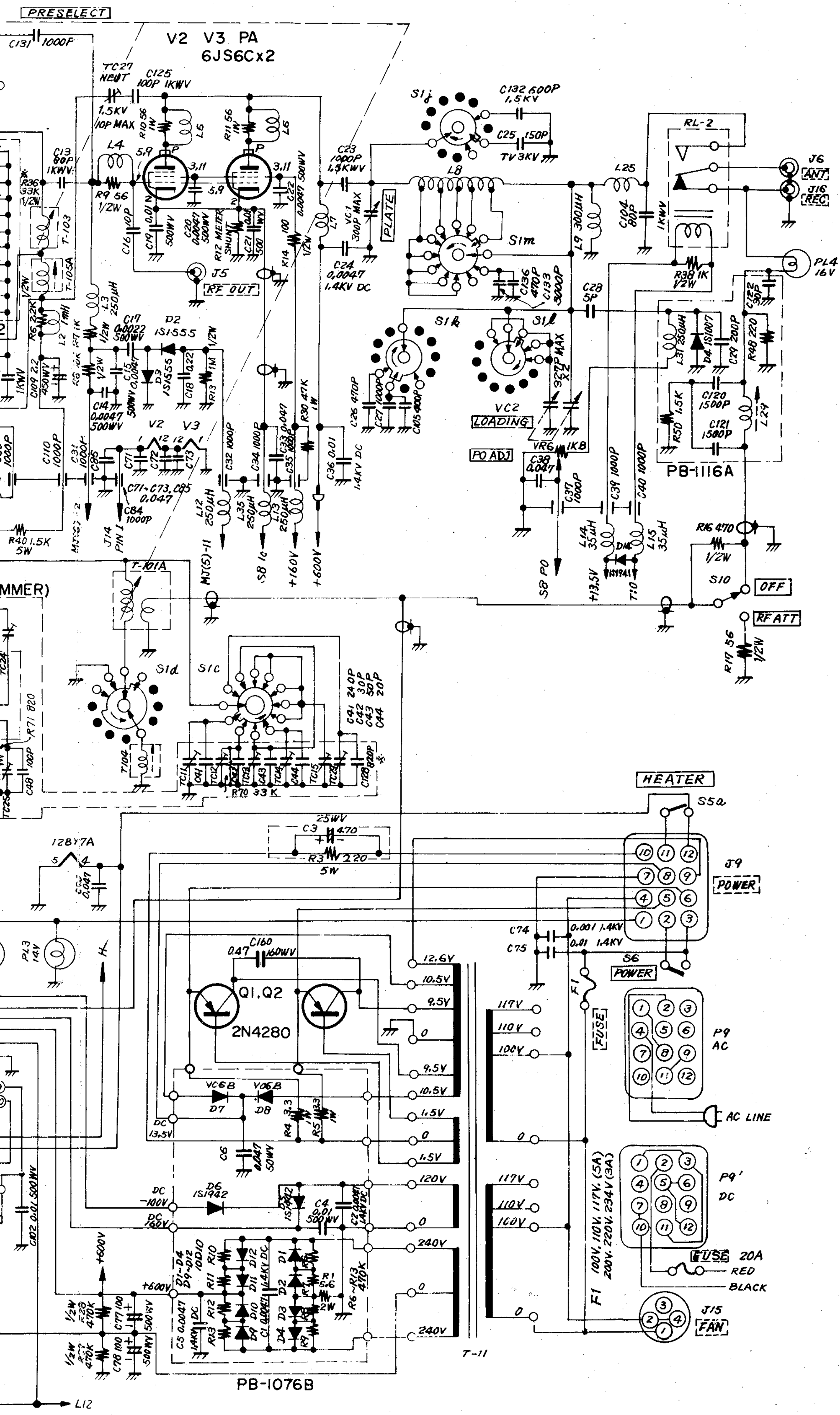

T10
IF OUT
MJ (5)
(PB-1184A MOD & OSC UNIT)
Q4 2SC828P BUFF
Q5 RELAY CONT.
2SK19Y
Q6
2SC373
RELAY
IF
Q1 2SK19 Y
Q3 2SC372Y
USB
AM MOD/CW BUFF
Q2 2SC372Y
(2SC828P)
D1~D4 1S1007
Q5 2SC372Y
LSB
Q6 2SC372Y
AM/CW
L8 250μH
IF
Q1 2SK19GR
AGC& S-METER
Q4 2SC828Q
Q5
2SC828Q
SM ADJ
LEVEL
VR3b 10KB
J11
AUX
SP1
INT SP
PO
IC
ALC
S8
M1
RL-1
S2a
S2b
S2c
MODE
S2d
S2e
S2f
TUNE
USB
LSB
CW
AM
NB
OFF
ON
S3
TLR-104
PL5
(PB-1292 N B UNIT)
Q2 2SK19GR
Q1 2SC372Y
Q5
Q6 2SC372Y 2SK19GR
NOISE
AMP
Q4 2SC78



IF OUT
MJ (3)
(PB-1183B IF UNIT)
IF
Q2 2SC784R
IF
Q1 2SK19GR
XF-30C
(OPTION)
XF-32A
XF-1
3180KHZ
T108 3180KHZ
AGC& S-METER
Q4 2SC828Q
Q5
2SC828Q
VR2 500
SM ADJ
T-109
3180KHZ
D5, D7~D11 1S1007
Q3 CA3053
(CA3028, TA7045M)
LEVEL
VR3b 10KB
VR1b 1KC
RF GAIN
VR2b 5K
CARRIER
MJ (2)
(PB-1180B PB-1082B MIXER UNIT)
Q1 2SC372Y
Q2 3SK40M
EXT VFO
PB-1166
MJ (1)
(PB-1181B RF
Q3 2SC784R
TRANS 2nd MI
Q2 2SK1
E.F
Q5 2
LOCAL OSC
Q4
2SC372Y
IF UNIT
TO MJ3
OUT
LEVEL CONT
PB-1534
FIX & RF PROCESSER
UNIT
S11
D15 1S1555
T-116
T-119
NOISE
AMP
Q4 2SC784R
Q3 2SK19GR
MJ(6)
(PB-1314A REG& CALIB UNIT)
D1 ~ D3 1S1555
REGULATE
Q4 MFC6034A
CLARI
OFF
ON
VR4 1KB



PRESELECT
V2 V3 PA
6JS6Cx2
MJ (1)
UNIT) PB-1166
(PB-1181B RF UNIT)
Q3 2SC784R
TRANS 2nd MIX
V1 12BY7A
DRIVE
L32 6.36MHz TRAP
T-107 5MHz TRAP
Q2 2SK19GR
RF
Q1
3SK40
PB-1092
RF OUT
PB-1187A
TC1~TC4 50P
TC5 10P
TC28 420P
TC6, TC7~TC9 40P, TC10 420P
(PB-1188 RF TRIMMER)
BAND
E.F
Q5 2SC373
PB-1073 B
TC11~TC25 50P(MAX)
TC29 TC26 420P(MAX)
12BY7A
T-12 20mH 0.5A
PL1 16V(SWAN)
PL3 14V
PL2 16V SWAN
PL6 TLR-104
LOCAL OSC
Q4
2SC372Y
CLARI
OFF
ON
25KHz MULTI
Q2 MFC6020
25KHz
OFF
100KHz
S9
ACC
J14
Q1 2SC372Y
100KHz OSC
Q3 2SC735Y
BUFF
Q1.Q2
2N4280
PB-1076B
L12
+300V
+600V
+160V
+13.5V



PRESELECT
V2 V3 PA
6JS6Cx2
RF OUT
PLATE
LOADING
PO ADJ
ANT
REC
PB-1116A
OFF
RF ATT
(TRIMMER)
HEATER
POWER
FUSE
AC LINE
FAN
PB-1076B
2N4280
T-11